I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: May 8, 2003

Nicholas J. Sea)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Yuping Ambuel

Thomas R. Van Oosbree Mark R. McCormick Robert M. Mierendorf

Serial No.: 09/848,449

Filed: 05/03/2001

For: IMPROVED E. COLI EXTRACT

FOR PROTEIN SYNTHESIS

Date: May 8, 2003

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Group Art Unit: 1651

Examiner: Herbert J. Lilling

File No.: 700399.90126

RESPONSE

Commissioner for Patents P O Box 1450 Alexandra, VA 22313-1450

Dear Sir:

In response to the Office Action dated November 8, 2002 in the file of the aboveidentified application, the applicants respond as follows: